AMSAT News Service Weekly Bulletins
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AMSAT NEWS SERVICE
ANS-177

ANS is a free, weekly, news and information service of AMSAT North America, The Radio Amateur Satellite Corporation. ANS reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

Please send any amateur satellite news or reports to:

ans-editor@amsat.org

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SB SAT @ AMSAT $ANS-177.01
Remember to Send Your AMSAT Field Day Results

AMSAT News Service Bulletin 177.01
  From AMSAT HQ SILVER SPRING, MD.
June 26, 2011
To All RADIO AMATEURS
BID: $ANS-177.01

AMSAT Director of Awards and Contests, Bruce Paige, KK5DO reminds you to send in your satellite Field Day results. The Satellite Summary Sheet (on pages 3-4 of the AMSAT Field Rules) should be used for submission of the AMSAT Field Day competition.

The Rules and the Satellite Summary Sheet can be downloaded from links at http://www.amsat.org or http://www.amsatnet.com

http://tinyurl.com/3eztlaf (amsat.org)
http://www.amsatnet.com/2011fd.doc
http://www.amsatnet.com/2011fd.pdf

Your entry must be received by KK5DO (email or postal mail) by 11:59 P.M. CDT, Monday, July 11, 2011. The preferred method for submitting your log is via e-mail to kk5do@amsat.org or kk5do@arrl.net.

You may also use the postal service but give plenty of time for your results to arrive by the submission date. Add photographs or other interesting information that can be used an article for the Journal.

You will receive an email back (within one or two days) from Bruce when he receives your email submission. If you do not receive a confirmation message, try sending it again or send it to his other email address.

If mailing your submission, the address is:

Bruce Paige, KK5DO
Director of Awards and Contests
PO Box 310
Alief, TX 77411-0310.

Certificates will be awarded to the first-place emergency power/ portable station at the AMSAT General Meeting and Space Symposium in November 2011. Certificates will also be awarded to the second and third place portable/emergency operation in addition to the first-place home station running on emergency power. Stations submitting high, award-winning scores will be requested to send in dupe sheets for analog contacts and message listings for digital downloads.

[ANS thanks AMSAT Director of Awards and Contests, Bruce Paige, KK5DO for the above information]

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SB SAT @ AMSAT $ANS-177.02
13 Colonies Special Event on Satellites Again

AMSAT News Service Bulletin 177.02
From AMSAT HQ SILVER SPRING, MD.
June 26, 2011
To All RADIO AMATEURS
BID: $ANS-177.02

Dave, KB1PVH/K2H says that the Original 13 Colonies Independence Week Special event begins on July 1 and runs until July 5.

We will be on the satellites again this year!

MA- KB1PVH/K2H, Dave
VA- NL7VX/K2B, Steve
PA- KE3LB/K2M, John
SC- K4YYL/K2L, Art
GA- N3TL/K2G, Tim
NC- W4MPS/K2J, Marc
NY- WB2OQQ/K2A, Pete
CT- KA1TCH/K2D, Al
NH- NE1H/K2K, Bob
RI- N1MIW/K2C, Larry
NJ- KB2M/K2I, Jeff (when available)
DE- KB2M/K2E, Jeff (limited time marine mobile)
MD- WA3SWJ/K2F, Bruce

Please limit yourselves to one contact per state, so that others may have a chance.

The 4th of July, 2011 lands on a Monday, which means that you can work us starting Friday through Tuesday. Due to popular demand, we will run the event all 5 days like in 2010. Times will be: 12:01 AM Eastern start on July 1st, (That's one minute after midnight, early Friday morning, July 1st) to 11:59 PM Eastern ending on July 5th (One minute to midnight, late Tuesday night, July 5th).

Hope everyone get a Clean Sweep

Find more information on-line at:
http://www.13colonies.info/

[ANS thanks Dave, KB1PVH/K2H for the above information]

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SB SAT @ AMSAT $ANS-177.03
July 15 Deadline to File ARISS Contact Proposals

AMSAT News Service Bulletin 177.03
From AMSAT HQ SILVER SPRING, MD.
June 26, 2011
To All RADIO AMATEURS
BID: $ANS-177.03

NASA is seeking U.S. formal and informal education institutions and organizations, individually or working together, to host an Amateur Radio on the International Space Station, or ARISS, contact between the dates of Jan. 15 and July 15, 2012.

To maximize these radio contact opportunities, NASA is looking for organizations that will draw large numbers of participants and integrate the contact into a well-developed education plan. The deadline to submit a proposal is July 15, 2011.

During the first six months of 2012, crew members aboard the International Space Station will participate in amateur radio contacts.

ARISS contacts afford education audiences the opportunity to learn firsthand from astronauts what it is like to live and work in space. Due to the nature of human spaceflight, organizations must demonstrate the flexibility to accommodate changes in contact dates and times.

Interested parties should contact Teaching From Space to obtain information related to expectations, content, format, audience, proposal guidelines and forms by sending an e-mail to JSC-TFS-ARISS@mail.nasa.gov or by calling 281-244-2320.

The NASA Teaching From Space web page can be found at:
http://tinyurl.com/6fc2lzn (nasa.gov)

[ANS thanks ARISS and NASA for the above information]

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SB SAT @ AMSAT $ANS-177.04
Istanbul students plan 145/435 MHz satellite

AMSAT News Service Bulletin 177.04
From AMSAT HQ SILVER SPRING, MD.
June 26, 2011
To All RADIO AMATEURS
BID: $ANS-177.04

Students at Istanbul Technical University are working on a 3U CubeSat that will carry a linear transponder for SSB/CW amateur radio communications.

TURKSAT-3USAT will carry a 50kHz bandwidth 145/435 (V/U) linear transponder, beacon and telemetry downlink. It is hoped to have an early 2012 launch into a Sun Synchronous Orbit (SSO) at around

680km.

Istanbul Technical University's first Communication Satellite
http://tinyurl.com/6hyxh7h

Istanbul Technical University TURKSAT-3USAT
http://tinyurl.com/5vhdnzm

TURKSAT-3USAT on the IARU Satellite Frequency Coordination pages
http://www.amsatuk.me.uk/iaru/formal_detail.php?serialnum!3

[ANS thanks the Southgate ARC news site and Istanbul Technical
University for the above information]

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SB SAT @ AMSAT $ANS-177.05
New Horizons Mission Presents New Opportunity for Citizen Scientists

AMSAT News Service Bulletin 177.05
From AMSAT HQ SILVER SPRING, MD.
June 26, 2011
To All RADIO AMATEURS
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The Zooniverse is home to the internet's largest, most popular
and most successful citizen science projects. You can find all
the details of their projects at http://www.zooniverse.org/

Zooniverse has added a project where Citizen Scientists help choose
an additional destination or two for a spacecraft heading to the outer
solar system. Ice Hunters will allow the public to help discover a
potential new, icy follow-on destination for NASA's New Horizons space-
craft, which is currently en route to make the first flyby of the Pluto
system. After it zooms past Pluto, the spacecraft will have the capabil-
ity to explore other Kuiper Belt Objects. The destination has yet to be
chosen. That's where you can help.

With Ice Hunters, the public can help scientists search through deep
telescopic images for currently unknown objects in the Kuiper Belt.
What's cool is that you'll be searching for Kuiper Belt Objects and
potential dwarf planets in much the same way that Clyde Tombaugh found
Pluto: comparing images of the same region of the Kuiper Belt and look-
ing for objects that move or vary in brightness.

You can read all the details on-line at: http://www.icehunters.org/

[ANS thanks UniverseToday.com, Zooniverse, and Ice Hunters for the
above information]

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SB SAT @ AMSAT $ANS-177.06
Satellite Shorts From All Over

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June 26, 2011
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+ iPhone and iPad users may be interested in the free ESA App to

access top news stories, videos, images, facts and figures, ESA's Twitter feeds, Flickr and Facebook links and other information in a convenient mobile package. This is now available free of charge for iPhone and iPad directly from the App Store at Apple.

+ AMSAT-SM has a new website and is active on Facebook and Twitter. Please visit the new AMSAT-SM (Sweden) website at: http://www.amsat.se AMSAT-SM on Twitter: http://twitter.com/#!/amsat_sm AMSAT-SM on Facebook: http://www.facebook.com/pages/AMSAT-SM/196154360421894 (Lars SM0TGU)

+ UniverseToday.com posted a video from Phil Plait's Discovery Channel series "Bad Universe" showing the ways the world will end: http://www.universetoday.com/86680/video-ways-the-world-will-end/

+ A time lapsed video from the Goddard Space Flight Center Scientific Visualization Studio, uses data from the Lunar Reconnaissance Orbiter and compresses one month into 12 seconds and one year into 2.5 minutes. You'll see how the Moon "wobbles" in its orbit, the changes in libration, and axis tilt, the Moon's phases. Watch it at:

http://www.universetoday.com/86613/one-year-of-the-moon-in-2-5-minutes/

+ Jim List, G3WGM, Hon Sec AMSAT-UK reminds attendees to the AMSAT-UK Colloquium, Holiday Inn, Guildford, UK 29-30 July that the hotel is getting quite booked up already for the Saturday night. To avoid disappointment, we strongly urge you to book your place asap. Speak to Rachael Cross on +44 (0) 1483 784418. More details, incl prices, at http://www.uk.amsat.org/colloquium-2011

+ Congratulations to Jim, KE4KOL, for achieving Satellite VUCC #207!

+ Congratulations also to Rodney, KC0ZHF for achieving his WAS Satellite Award!

[ANS thanks everyone for the above information]

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SB SAT @ AMSAT $ANS-177.07
ARISS Status - 20 June 2011

AMSAT News Service Bulletin 177.07
From AMSAT HQ SILVER SPRING, MD.
June 26, 2011
To All RADIO AMATEURS
BID: $ANS-177.07

1. Germany Contact to be Rescheduled

The ARISS contact that was scheduled with Hochtaunusschule in Ober-ursel, Hessen, Germany on Tuesday, June 14 was not successful. The ARISS team is trying to determine what happened and hopes to reschedule the contact sometime in the future.

2. Astronaut Training Status

Astronaut Mike Hopkins (Expedition 37) passed his amateur radio Technician exam on Thursday, June 9. He was issued the call sign

KF5LJG.

On Monday, June 13, several astronaut candidates passed their
Technician License exams and were issued the following call signs:
Takuya Onishi, KF5LKS
Gregory Wiseman, KF5LKT
Jeremy Hansen, KF5LKU
In addition, Kjell Lindgren, KO5MOS upgraded from
Technician to General.

Another round of tests for the latest class of astronauts may be
conducted in the near future.

A successful ARISS simulated contact was held between Kevin Ford,
KF5GPP and youth from John McCrae Secondary High School, Ottawa,
Canada on Monday, June 13. The training session was a terrestrial-based
amateur radio contact using ARISS equivalent equipment and helped to
prepare Ford for participation in ARISS contacts when he flies with
Expedition 33 in September 2012.

Don Pettit, KD5MDT and Andr? Kuipers, PI9ISS are scheduled for an
ARISS
preflight session on June 22. The two astronauts are part of Expedition
30 which will launch in November 2011.

3. Debrief Session Held with Expedition 26/27 Crew Members

On Wednesday, June 15 ARISS members participated in an ISS Ham debrief
session with Expedition 26/27 crew members Cady Coleman and Paolo
Nespoli.
The astronauts provided good feedback on the ARISS program.

[ANS thanks Carol, KB3LKI, for the above information]

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In addition to regular membership, AMSAT offers membership in the
President's
Club. Members of the President's Club, as sustaining donors to AMSAT
Project
Funds, will be eligible to receive additional benefits. Application
forms
are
available from the AMSAT Office.

73,
This week's ANS Editor,
Lee McLamb, KU4OS